PDF **DWG** 100-INDEX **SERIES 100 INDEX NOTES ENTIRE 100 SERIES** UTILITY LOCATION, UNDERGROUND UTILITY WITH REFUSE, TYPICAL CROSS SECTION 102 CONDUIT LOCATION FOR UNDERGROUND UTILITIES, COMBINATION SEWER EASEMENT 103 ALLOWABLE TRENCH WIDTHS 104 REINFORCED PLASTIC STEP 105 STRUCTURE ADJUSTMENT

106

Standard Details

107 ROADWAY CROSSING, BORE AND CASE DETAIL
108 TRENCH TERMINOLOGY
109 PAVEMENT CUT REPAIRS/STANDARD UTILITY CUT, TYPE A, B, AND C
110 CONCRETE ENCASEMENT
111 BRICK MANHOLE DETAIL AND MANHOLE FRAME AND COVER
112 SAFETY PLATFORM FOR DEEP PRECAST MANHOLES
113 MANHOLES, PRECAST DETAILS
114 STANDARD SEWER MANHOLES, PRECAST CONCRETE
115 STANDARD SEWER MANHOLES, PRECAST CONCRETE

116 FORCE MAIN DETAILS, AIR AND VACUUM RELEASE VALVE ASSEMBLY
117 PIPE SEWER DATA, PVC PIPE INSTALLATION
118 PIPE SEWER DATA
119 TYPICAL PIPE HANGER AND SUPPORT DETAILS
120 MAXIMUM PERMISSIBLE JOINT DEFLECTIONS
121 MAXIMUM JOINT BOLT USAGE CHART
122 TAPPING SLEEVE AND VALVE INSTALLATION DETAILS
123 TAPPING SLEEVE LENGTH
124 STUB OUT DETAIL

125 THRUST RESTRAINT CONCRETE COLLAR
126 THRUST RESTRAINT: TIE ROD CHART
127 THRUST RESTRAINT: TIE ROD INSTALLATION
128 THRUST RESTRAINT, STRAP AND ROD DETAILS
129 CASING/PIPE SUPPORT INSTALLATION
130 PIPE JOINING: USE OF SOLID SLEEVE
131 DRIVEWAY CUT REPAIRS, CONCRETE, GRAVEL AND ASPHALT
132 STANDARD THRUST BLOCKS FOR WATER

132 B STANDARD THRUST BLOCKS FOR WATER

MAIN EXTENSION BLOCKING DETAILS, SUBDIVISION INTERSECTION DETAIL VALVE MAIN

134 SIDEWALK, CURB AND GUTTER REPAIRS
300-INDEX SERIES 300 INDEX NOTES
ENTIRE 300 SERIES
301 TYPICAL SECTIONS, STREETS
302 TYPICAL SECTIONS, STREETS
303 TYPICAL SECTIONS, CUL-DE-SAC
304 DRIVEWAYS
305 DIVIDED ENTRANCE DETAILS
306 MISCELLANEOUS DETAILS

307 CURB AND GUTTER DETAILS		
308 STANDARD SIDEWALK SECTION		
309 TYPICAL SECTION TWO LANE ROAD,), DECELERATION LANE	
310 LEFT TURN LANE WITH WIDING ON B	BOTH SIDES	
311 LEFT TURN LANE WITH WIDING ON C	ONE SIDE	
312 HANDICAP RAMP DETAILS		
313 MINI ROUNDABOUT		
314 CHICANES		
315 SPEED TABLE		
316		

INTERSECTION HUMP

317 ONE LANE CHOKER
318 ENTRANCE TREATMENT
319 CENTER ISLAND
320 BEAM TYPE, GUARD RAIL
321 BEAM TYPE, GUARD RAIL (CONT'D)
322 RAILROADS, GRADE CROSSING, SECTIONS, AND DETAILS
322 B RAILROADS, GRADE CROSSING, SECTIONS, AND DETAILS (CONT'D)
322 C RAILROADS, GRADE CROSSING, SECTIONS, AND DETAILS (CONT'D)
400-INDEX SERIES 400 INDEX NOTES

ENTIRE 400 SERIES
401 SANITARY SEWER, TYPICAL RIP-RAP, CHANNEL PIPE CROSSING
402 CONSTRUCTION EXIT -TEMPORARY
403 CONCRETE PIER AND FOOTING DETAIL
404 TEMPORARY SILT FENCE
405 DETAIL OF SOD DITCH
406 CONCRETE PIER AND FOOTING DETAIL
407 EROSION CONTROL, CHECK DAMS
500 SERIES 500 INDEX NOTES
ENTIRE 500 SERIES

502 CATCH BASIN DOUBLEWING, ONE FOOT OFFSET (FACE OF CURB) 503 FOR PRIVATE DEVELOPMENT ONLY, STANDARD CATCH BASIN WITH ROLLED CURB AND GUTTER 10* 504 SINGLE WING ON LINE CATCH BASIN (BRICK) 505 CATCH BASIN DOUBLEWING ONLINE 506 CATCH BASIN TOPS 507 STANDARD PRECAST, ROUND CATCH BASIN 508 LOCATION OF ROUND CATCH BASIN 509 DROP INLETS, BRICK AND CATCH BASIN EXTENSION		501 CATCH BASIN, ONE FOOT OFFSET, SINGLEWING (FACE OF CURB)
FOR PRIVATE DEVELOPMENT ONLY, STANDARD CATCH BASIN WITH ROLLED CURB AND GUTTER 10° OFFSET (BACK OF CURB) 504 SINGLE WING ON LINE CATCH BASIN (BRICK) 505 CATCH BASIN DOUBLEWING ONLINE 506 CATCH BASIN TOPS 507 STANDARD PRECAST, ROUND CATCH BASIN 508 LOCATION OF ROUND CATCH BASIN		
SINGLE WING ON LINE CATCH BASIN (BRICK) 505 CATCH BASIN DOUBLEWING ONLINE 506 CATCH BASIN TOPS 507 STANDARD PRECAST, ROUND CATCH BASIN 508 LOCATION OF ROUND CATCH BASIN	OFFSE	FOR PRIVATE DEVELOPMENT ONLY, STANDARD CATCH BASIN WITH ROLLED CURB AND GUTTER 10"
506 CATCH BASIN TOPS 507 STANDARD PRECAST, ROUND CATCH BASIN 508 LOCATION OF ROUND CATCH BASIN		
507 STANDARD PRECAST, ROUND CATCH BASIN 508 LOCATION OF ROUND CATCH BASIN		
STANDARD PRECAST, ROUND CATCH BASIN 508 LOCATION OF ROUND CATCH BASIN 509		
LOCATION OF ROUND CATCH BASIN 509		

DROP INLETS, CONCRETE, DETAILS FOR PAVED SECTIONS ONLY

511 DROP INLETS DIMENSION 512 DROP INLETS, WEIR TYPE 513 DROP INLETS, BRICK AND CATCH BASIN EXTENSION 514 PRECAST CONCRETE, HEADWALL SYSTEM INLET HEADWALL - OUTLET HEADWALL, INLET HEADWALL WITH TAPERED PIPE/FOR PIPES 60" - 96" DIA. **ENERGY DISSIPATOR, ALTERNATE** 517 CONCRETE PIER AND FOOTING DETAIL 517 B CONCRETE PIER AND FOOTING DETAIL

CONCRETE PIER AND FOOTING DETAIL

518

519 STRUCTURAL PLATE, PIPE-ARCH CULVERT 519 B STRUCTURAL PLATE, PIPE-ARCH CULVERT 519 C STRUCTURAL PLATE, PIPE-ARCH CULVERT STANDARD, PIPE CULVERTS 521 PIPE CULVERTS (TABLES) PIPE CULVERTS (TABLES CONT'D) 523 PERFORATED UNDERDRAIN 524 PIPE GAUGE AND CLASS (CONCRETE AND CORRUGATED STEEL PIPE) EARTHFILL DAM FOR DETENTION PONDS

526 FENCE DETAIL FOR DETENTION PONDS (ALT. TO CHAIN LINK)
527 FENCE DETAIL FOR DETENTION PONDS
700-INDEX SERIES 700 INDEX NOTES
ENTIRE 700 SERIES
701 GREASE/SOLIDS/OIL INTERCEPTOR, 4 TANKS IN SERIES
702 SINGLE TANK
703 TRASH COMPACTOR AND DUMPSTER PAD DETAILS
704 SANITARY SEWER EASEMENT
705 STANDARD STRUCTURAL PLATE PIPE CULVERT
706 DETAIL OF OPTIONAL STEEL PIER

707 SERVICE CONNECTION ON NEW SEWERS
708 SERVICE CONNECTION ON EXISTING SEWERS
709 INDEX AND GENERAL NOTES
710 WATERSTOP COLLAR
711 SEWER LATERAL INSTALLATION, DETAILS FOR CURBED STREETS
800-INDEX SERIES 800 INDEX NOTES
ENTIRE 800 SERIES
801 5/8" METER INSTALLATION
802 1" METER INSTALLATION

803

804 2" METER INSTALLATION
805 LARGE METERS AND VAULT
806 3/4" - 1" METER SETTING, SHORT AND LONG SIDES
807 REDUCED PRESSURE PRINCIPLE, BACKFLOW - PREVENTION ASSEMBLY
808 REDUCED PRESSURE PRINCIPLE, BACKFLOW - PREVENTION ASSEMBLY
809 DOUBLE CHECK VALVE ASSEMBLY
810 DOUBLE CHECK VALVE ASSEMBLY
811 PRESSURE VACUUM BREAKER ASSEMBLY
812 ATMOSPHERIC VACUUM BREAKER ASSEMBLY

813 WATER VALVE INSTALLATION & 3/4" COPPER SERVICE WATER VALVE MARKERS
814 HYDRANT LOCATION DETAIL FOR CURB AND GUTTER STREETS
815 FIRE HYDRANT STREET, UNCURBED
816 FIRE HYDRANT INSTALLATION DETAILS
817 A & V RELEASE VALVE ASSEMBLY, 1" OR 2"
818 TYPICAL ANCHORS
819 UNDERGROUND VALVE BOX
820 WATER MAIN TERMINATION
821 WATER VALVE MARKER

822	
FIRE LINE VAULT - TYPE 1	

823 RESTRAINED JOINT PIPE STANDARD, LENGHTS

824 WATER SERVICES, TOWNHOMES/APTS/CONDOMINIUM, PRIVATE DEVELOPMENT

825 FM ASSEMBLY